

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference H0004765	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/US2004/000858	International filing date (day/month/year) 14/01/2004	(Earliest) Priority Date (day/month/year) 14/01/2003
Applicant HONEYWELL INTERNATIONAL INC.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regards to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 4

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☒ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/000858

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04J3/06 G06F1/14 G04G7/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04J G06F G04G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 809 374 A (LANDIS & GYR TECH INNOVAT) 26 November 1997 (1997-11-26) abstract; claims 1,3; figure 2 column 2, line 1 - line 22 column 2, line 39 - column 3, line 7 column 4, line 2 - line 16	1-10
Y	US 5 661 700 A (WEPPLER ROBERT C) 26 August 1997 (1997-08-26) column 2, line 46 - column 3, line 5 column 7, line 13 - column 8, line 4 figures 1,2,4 ----- -/--	1-10

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

9 June 2004

Date of mailing of the international search report

17/06/2004

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/000858

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 276 659 A (KOTAKI KOJI) 4 January 1994 (1994-01-04) column 3, line 8 - column 3, line 26 column 4, line 56 - column 4, line 63 figures 1,2,4 claim 1 -----	1-10
A	US 4 709 347 A (KIRK DAVID L) 24 November 1987 (1987-11-24) column 1, line 9 - line 15 column 2, line 9 - line 38 column 2, line 55 - line 68 column 5, line 38 - line 43 column 9, line 22 - line 32 column 10, line 9 - line 18 column 11, line 2 - line 32 column 11, line 39 - line 51 column 12, line 23 - line 30 column 13, line 28 - line 37 column 14, line 1 - line 5; figures 4-7,9a -----	1-10

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2004/000858

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0809374	A	26-11-1997	EP NO	0809374 A1 972149 A
				26-11-1997 24-11-1997
US 5661700	A	26-08-1997	NONE	
US 5276659	A	04-01-1994	JP	3296684 A
				27-12-1991
US 4709347	A	24-11-1987	AU	587209 B2
			AU	4948685 A
			CA	1247746 A1
			DE	3578645 D1
			EP	0185348 A2
			JP	1701715 C
			JP	3062336 B
			JP	61145943 A
			NO	854149 A , B,
			SG	91690 G
			US	4890222 A
			ZA	8508850 A
				10-08-1989 26-06-1986 27-12-1988 16-08-1990 25-06-1986 14-10-1992 25-09-1991 03-07-1986 18-06-1986 18-01-1991 26-12-1989 30-07-1986